

[54] **ELECTRONIC CALCULATING APPARATUS AND WALLET ENCLOSURE**

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[56] **References Cited****U.S. PATENT DOCUMENTS**

3,911,234	10/1975	Kotaka	200/5 A
3,920,979	11/1975	Kilby et al.	235/168
3,937,939	2/1976	Frenkel	235/145 R X
3,940,758	2/1976	Margolin	200/5 A X
4,002,892	1/1977	Zielinski	235/156

OTHER PUBLICATIONS*Electronics*, Apr. 3, 1975, pp. 40-41.

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[57] **ABSTRACT**

Several embodiments of an electronic calculating apparatus and wallet enclosure are described. The apparatus

is provided with a side-located battery compartment for providing, in combination with the enclosure, a very convenient and useful, relatively thin assembly. The enclosure comprises two flap members. A first one of the flap members is adapted for supporting the apparatus. The other is adapted for folding over in facing relationship with the first. In each of the embodiments the first flap member is provided with an interior wall member. In one embodiment, the apparatus is separably inserted and supported in a pocket formed by the interior wall member. Keys which extend from the face of the apparatus for inserting numbers and the like project through keyholes provided in the interior wall member. In another embodiment, the apparatus is provided with engaging members which extend outwardly from the ends thereof. The members are provided for engaging corresponding slots in the interior wall member and supporting the apparatus from the exterior side thereof. In still another, and even more compact, embodiment, the first flap member is made a part of an electrical circuit in the calculating apparatus in that the interior wall member comprises a deformable substrate for supporting one of two switch contacts in each of a plurality of switch means in the apparatus. The covering flap member in each of the embodiments may also be used for conveniently holding note paper, credit cards, blank checks, or the like.

16 Claims, 17 Drawing Figures